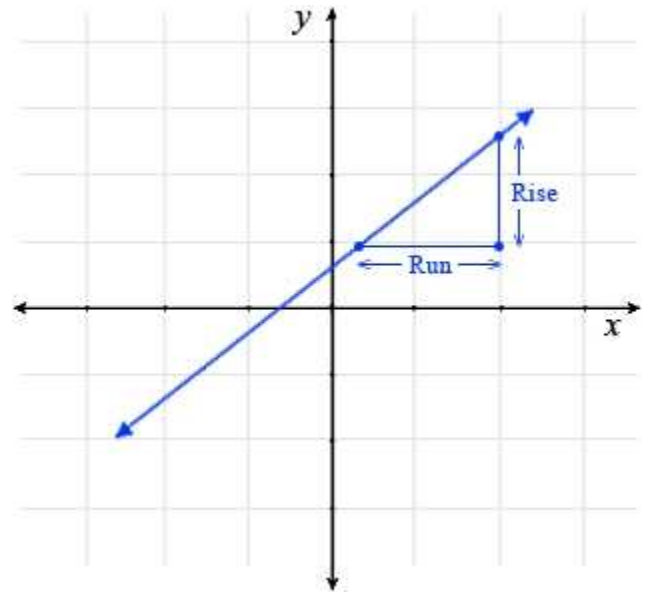
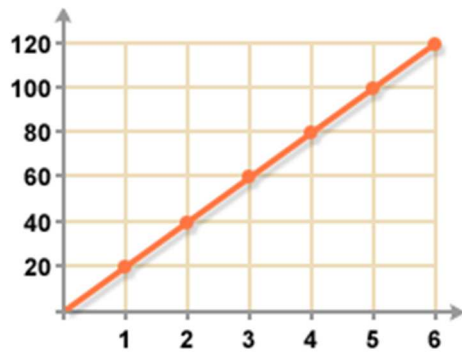


Try it!



a) Choose a point on the line, label it A, and indicate the coordinates (ie two numbers in a bracket with a comma). Substitute the numbers from point A into the equation $y = mx$ (direct variation) for x and y and solve algebraically to find the slope.

b) Label another point B and indicate the coordinates.) Find the slope of the line using points A and B, using the formula $slope = \frac{rise}{run}$. Show your work (write the formula, how you're using the numbers in the formula, simplify, and show your answer.)

c) Label another point C and indicate the coordinates. Find the slope of the line using points B and C, using the formula $slope = \frac{rise}{run}$.

d) What do you notice about your answers in (b) and (c)? Why did that happen?

The two slopes are _____, because _____
